

## Best Available Copy

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08289C/05 A97 D25 SUNP. 07.06.78 A(12-W5, 12-W12B) D(11-D1, 11-D3).  
 SUN POLE KK 07.06.78-JA-069180 (17.12.79) C11d-07 C11d-17  
 Acidic fine granular cleaner, for waste water pipes, etc., comprising  
 amino-sulphuric acid and/or sodium hydrogen sulphate  
 encapsulated in soluble high polymer film.

An acidic fine granular cleaner contains amidosulphuric acid and/or sodium hydrogen sulphate as the active components which are encapsulated as small grains with a film of water- and organic solvent-soluble high polymer. The cleaner may also include inorganic carbonate as a foaming agent, also encapsulated as small grains with a film of water- and organic solvent-soluble high polymer. The cleaner resists hardening into a mass during storage, and its high fluidity is retained until its using time. Foaming is retarded and long lasting. The cleaner can be used for waste water pipes and traps. Organic solvents are ethylalcohol, isopropylalcohol, (m)ethylacetate, acetone, MEK, etc. The high polymer is methylvinyl-ether maleic anhydride copolymer, hydroxy-propylcellulose, etc. In an example, encapsulated granules of amidosulphuric acid are obd. by addn. of solvent soln. of the high polymer to amidosulphuric acid powder under stirring in a

mixer and with evapn. of the solvent. The high polymer is employed in an amt. of 0.1-2.5 wt. % on amidosulphuric acid, and the solvent is used in amt. of 5-20 pts. wt. per pt. wt. of high polymer. (5pp)

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08290C/05 A93 I02 NITO. 07.06.78 A(12-W12D) L(2-E5).  
 NIPPON TOKUSHU ROZA 07.06.78-JA-068532 (17.12.79) C04b-35  
 Fireproof compsn. suitable for castable refractories - contg. rhodium alumina as binder with binding aid and fluidity increaser

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Compsn. contains  $P\text{-Al}_2\text{O}_5$  as a binder and glass powder or dispersing agent as a binding aid and pref. an electrolyte or organic paste. Silica, zirconia, zirconia, alumina, mullite, sillimanite, silica-alumina, SiC, carbon, cordierite, foam chamotte, foam alumina, perlite, sawdust, foam styrene are suitable as aggregate.  $P\text{-Al}_2\text{O}_5$  is pref. "KHP-2" (RTM). It is blended with aggregate in amt. above 0.5wt. %, Glass powder is pref. ordinary fit of  $B_2\text{O}_3\text{-SiO}_2$  system or  $Na_2\text{O}\text{-CaO}\text{-SiO}_2$  system having particle size 10-150  $\mu\text{m}$  in amt. 0.2-8wt. % (pref. 0.5-7wt. %) of the aggregate. Dispersing agent is pref. alkali silicate, alkali phosphate or organic agent. Electrolyte and organic paste are pref. alkali(ne earth) salt and starch, natural gummy material, methylecellulose, etc. in amt. 0.01-1 (esp. 0.1-0.5wt. %). These compsns. have favourable workability on spraying, press-transportation, trowelling and laminating. They can be used in precast prod. and unburned firbrick. (9pp) 170

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